Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092481.D
Acq On : 25 Jan 2017 17:22
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 25 18:25:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	179625	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	727200	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	414554	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	656242	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	546437	20.00	ng		-0.01
86) Perylene-d12	15.63	264	435325	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	927542	80.34	ng		0.01
7) Phenol-d6	6.59	99	1104848	75.13	ng		0.00
23) Nitrobenzene-d5	7.54	82	1052832	79.09	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	226785	80.28	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1676005	74.76	ng		-0.01
78) Terphenyl-d14	13.11	244	1443734	70.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	231887	37.77	ng	#	83
3) Pyridine	3.38	79	651246	37.26	ng	#	83
4) n-Nitrosodimethylamine	3.33	42	315923	36.84	ng		83
6) Aniline	6.62	93	870632	39.69	ng	#	46
8) 2-Chlorophenol	6.75	128	483423	39.86	ng		96
9) Benzaldehyde	6.51	77	381282	36.53	ng		90
10) Phenol	6.60	94	651225	36.69	ng	#	75
11) bis(2-Chloroethyl)ether	6.70	93	539235	40.60	ng		95
12) 1,3-Dichlorobenzene	6.91	146	576559m	40.20	ng		
13) 1,4-Dichlorobenzene	6.99	146	604746	41.90	ng		95
14) 1,2-Dichlorobenzene	7.14	146	507561	37.07	ng		98
15) Benzyl Alcohol	7.10	79	425607	38.40	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	987125	37.57	ng		93
17) 2-Methylphenol	7.22	107	398026	38.41	ng		97
18) Hexachloroethane	7.49	117	205987	41.43	ng		93
19) n-Nitroso-di-n-propylamine	7.39	70	372785	37.22	ng		93
20) 3+4-Methylphenols	7.38	107	504627	40.14	ng		97
22) Acetophenone	7.39	105	683175	39.44	ng	#	87
24) Nitrobenzene	7.56	77	584277	41.89	ng	#	87
25) Isophorone	7.80	82	1009911	38.50	ng		97
26) 2-Nitrophenol	7.87	139	255758	43.76	ng		91
27) 2,4-Dimethylphenol	7.92	122	476294	39.19	ng		93
28) bis(2-Chloroethoxy)methane	8.01	93	635943	36.93	ng		97
29) 2,4-Dichlorophenol	8.11	162	418168	39.68	ng		88
30) 1,2,4-Trichlorobenzene	8.20	180	436891	38.36	ng		96
31) Naphthalene	8.28	128	1386990	37.27	ng		100
32) Benzoic acid	8.03	122	320468	36.52	ng		97
33) 4-Chloroaniline	8.33	127	598766	38.03	ng	#	93
34) Hexachlorobutadiene	8.41	225	253218	40.65	ng		99
35) Caprolactam	8.72	113	131058	37.24	ng	#	33
36) 4-Chloro-3-methylphenol	8.82	107	482295	42.44	ng		89
37) 2-Methylnaphthalene	8.98	142	873652	37.08	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	437068	41.80	ng		99
40) Hexachlorocyclopentadiene	9.14	237	222373	42.46	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	309000	38.57	ng		91
43) 2,4,5-Trichlorophenol	9.30	196	301135	41.08	ng	#	85
45) 1,1'-Biphenyl	9.45	154	1054366	35.18	ng		97
46) 2-Chloronaphthalene	9.47	162	852368	34.82	ng		96
47) 2-Nitroaniline	9.56	65	293534	35.61	ng		92
48) Acenaphthylene	9.89	152	1467150	40.87	ng		98
49) Dimethylphthalate	9.76	163	1065939	40.43	ng		99
50) 2,6-Dinitrotoluene	9.81	165	246367	45.72	ng	#	84
51) Acenaphthene	10.06	154	914182	40.98	ng		97
52) 3-Nitroaniline	9.97	138	263343	39.02	ng		96
53) 2,4-Dinitrophenol	10.08	184	105522	42.47	ng	#	44
54) Dibenzofuran	10.24	168	1202821	39.71	ng		94
55) 4-Nitrophenol	10.13	139	214815	40.08	ng	#	62
56) 2,4-Dinitrotoluene	10.21	165	326713	45.68	ng	#	85
57) Fluorene	10.58	166	921194	41.01	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	235275	42.84	ng		95
59) Diethylphthalate	10.45	149	1006644	39.82	ng		97
60) 4-Chlorophenyl-phenylether	10.57	204	389749	35.78	ng		93
61) 4-Nitroaniline	10.59	138	278647	41.28	ng		95
62) Azobenzene	10.73	77	1024535	35.62	ng		96
64) 4,6-Dinitro-2-methylphenol	10.62	198	175562	49.48	ng		91
65) n-Nitrosodiphenylamine	10.69	169	859245	41.93	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	244512	36.90	ng		97
67) Hexachlorobenzene	11.13	284	277942	41.50	ng		98
68) Atrazine	11.22	200	285787	40.74	ng		97
69) Pentachlorophenol	11.31	266	173508	40.52	ng		97
70) Phenanthrene	11.54	178	1246333	34.49	ng		99
71) Anthracene	11.60	178	1468111	41.57	ng		98
72) Carbazole	11.74	167	1194741	35.43	ng		99
73) Di-n-butylphthalate	12.08	149	1449735	37.60	ng		98
74) Fluoranthene	12.73	202	1303061	36.86	ng		99
76) Benzidine	12.85	184	791885	39.04	ng		99
77) Pyrene	12.96	202	1338688	33.81	ng		99
79) Butylbenzylphthalate	13.57	149	629213	39.23	ng		96
80) Benzo(a)anthracene	14.15	228	1104459	37.61	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	432769	38.81	ng	#	96
82) Chrysene	14.18	228	1047687	33.41	ng		100
83) Bis(2-ethylhexyl)phthalate	14.13	149	794317	39.32	ng		100
84) Di-n-octyl phthalate	14.75	149	1473411	40.18	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	855935	36.89	ng	#	94
87) Benzo(b)fluoranthene	15.20	252	992417m	35.51	ng		
88) Benzo(k)fluoranthene	15.23	252	1013617m	43.62	ng		
89) Benzo(a)pyrene	15.57	252	948559	40.12	ng		96
90) Dibenzo(a,h)anthracene	17.14	278	757640	39.63	ng		97
91) Benzo(g,h,i)perylene	17.56	276	740453	38.30	ng	#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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